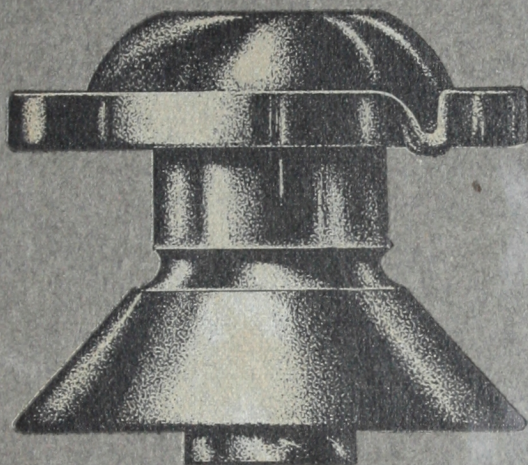




# VICTOR INSULATORS



FRED M. LOCKE.



CATALOGUE No. 6  
FRED M. LOCKE,  
VICTOR, N. Y., U. S. A.

THE line of insulators which we represent in this catalogue is the result of many years' experience in the manufacture of this class of work. It has been our constant study, not only to improve wherever possible, but also to attain the highest degree of mechanical and electrical perfection in the construction of our insulators.

WE RESPECTFULLY SOLICIT A TRIAL TO  
MAKE ANY SPECIAL DESIGN OF WORK YOU  
MAY WANT.





Locke

## G R E E T I N G

The marvelous success of high voltage power transmission is due to the superiority of *Locke Insulators*, their perfection of manufacture, uniformity of quality, perfect design, mechanical and electrical strength to overcome arcing and leaking of the current in wet and dry weather, to prevent the static electricity from burning off the pins, and to prevent puncture of the insulator by the high voltage current, *and to neutralize the magnetic influence on the insulator*. We thank you for the liberal patronage of the past, and promise you our best effort to merit the continuance of the same.

*Western Union and A B C Code, 4th Edition.*

*Telegraph "Locke"*

Pacific Coast Agency:  
JOHN MARTIN & CO.  
31-33 New Montgomery St.  
San Francisco, Cal.

FRED M. LOCKE.  
VICTOR, N. Y.

10 90-B5923 TCF



# “VICTOR” INSULATORS.

25,000 to 100,000 VOLTS.

In different sizes, adapted to all potentials, from 25,000 to 100,000 volts, actual line voltage.

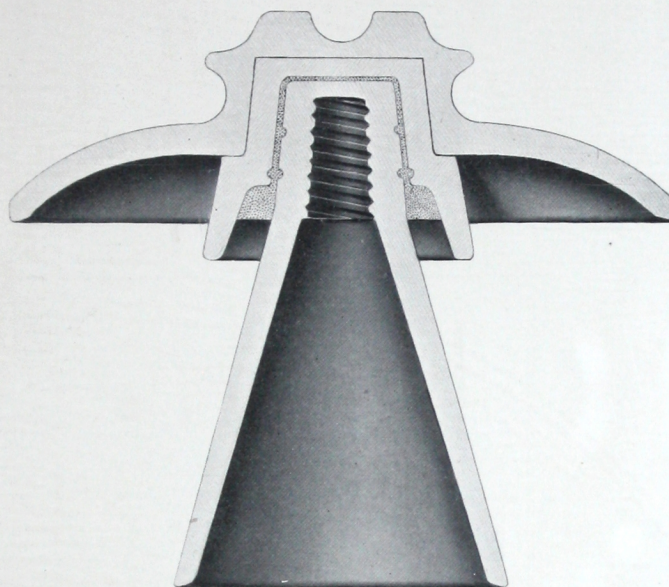
## FULL SPECIFICATIONS

No.	Diameter	Working and Test Potential		Center	No.	Diameter	Working and Test Potential		Center
300	6½"	25000 70000	Eave	Glass	311	8½"	47000 94000	No eave	Porc.
301	6½"	25000 70000	No eave	Glass	312	9½"	52000 105000	Eave	Glass
302	6½"	25000 70000	Eave	Porc.	313	9½"	52000 105000	No eave	Glass
303	6½"	25000 70000	No eave	Porc.	314	9½"	52000 105000	Eave	Porc.
304	7½"	40000 80000	Eave	Glass	315	9½"	52000 105000	No eave	Porc.
305	7½"	40000 80000	No eave	Glass	316	10½"	60000 120000	Eave	Glass
306	7½"	40000 80000	Eave	Porc.	317	10½"	60000 120000	No eave	Glass
307	7½"	40000 80000	No eave	Porc.	318	10½"	60000 120000	Eave	Porc.
308	8½"	47000 94000	Eave	Glass	319	10½"	60000 120000	No eave	Porc.
309	8½"	47000 94000	No eave	Glass	323	10⅞"	60000 120000	No eave	Porc.
310	8½"	47000 94000	Eave	Porc.	327	14"	80000 160000	No eave	Porc.

The working voltage on **Locke** Insulators is guaranteed to be equal, or better, than any insulator of the same size made, but recommend the use of a larger size, to have a greater factor of safety; for this reason I suggest that you write me where the insulators are to be used, stating the voltage, and I will suggest proper insulators, based on my long experience.



## THE "VICTOR" COMBINATION INSULATOR



Patented.

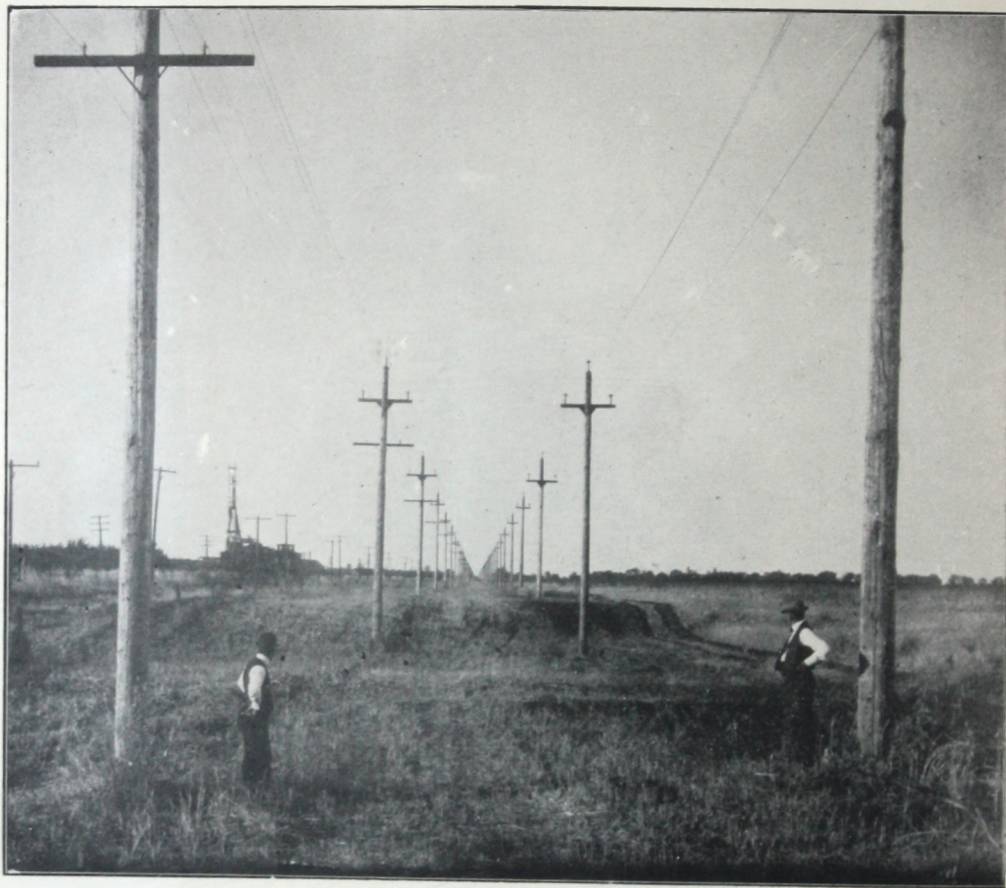
### No. 327

Height, . . . . .	11 1/2 inches
Groove, . . . . .	1 1/4 inches
Number in bbl. uncemented, . . . . .	7
Weight, . . . . .	150 lbs.

Full specifications on page 2.



LOCKE'S No. 316 "VICTOR" COMBINATION  
INSULATOR



On a 60,000 Volt Double Pole Line extending from Colgate to Oakland, California,  
a distance of 234 miles.



## VICTOR COMBINATION



Patented

No. 316

Number in bbl. uncemented, . . . 10

Weight, . . . . . 160 lbs.

Full specifications on page 2.





Patented.

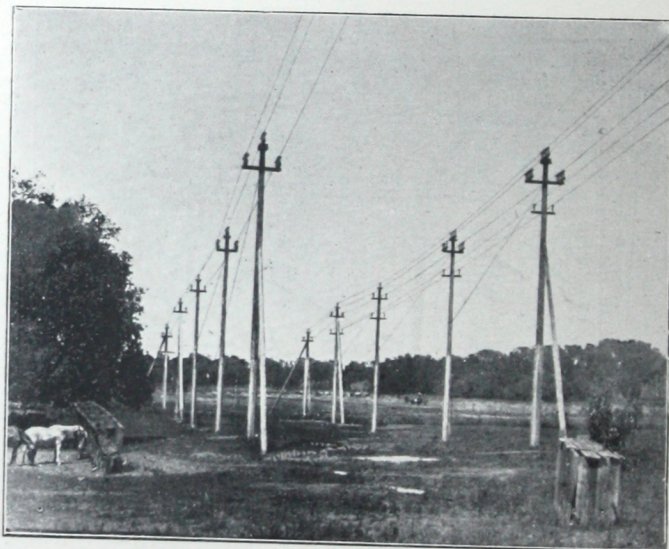
## No. 298 VICTOR

MADE IN ONE PIECE

Diameter, . . . . .	5½ inches
Height, . . . . .	4¾ inches
Groove Top, . . . . .	¾ inches
Groove Side, . . . . .	¾ inches
Test Voltage, . . . . .	50,000
Number in Bbl., . . . . .	100
Packing Weight, . . . . .	200 lbs.

White or Brown

## Locke's Insulators—None Better



Looking North from Verona Masts, Cal.



## “VICTOR” PORCELAIN INSULATORS

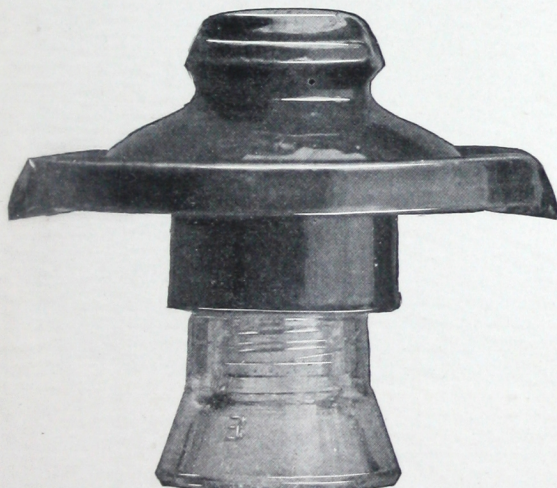
### No. 307

Diameter, . . . 7½ inches  
 Height, . . . 7¼ inches  
 Groove top, . . . 1 inch  
 Groove side, . . . 1 inch  
 Test voltage, . . . 80,000  
 Number in Bbl., . . . 38  
 Packing weight, . . . 200 lbs.

In five sizes, 25,000 to 60,000 volts; white or brown.



Patented.



Patented.

### No. 304

Diameter, . . . 7½ inches  
 Height, . . . 7¼ inches  
 Groove top, . . . 1 inch  
 Groove side, . . . 1 inch  
 Test voltage, . . . 80,000  
 Number in Bbl., . . . 35  
 Packing weight, . . . 200 lbs.

In White or Brown.

Full specifications on page 2.



# VICTOR PORCELAIN



Patented.

## No. 100

MADE IN ONE PIECE

Diameter, . . . . .	7 inches
Height, . . . . .	5½ inches
Groove Top, . . . . .	1 inch
Groove Side, . . . . .	1 inch
Test Voltage, . . . . .	70,000
Number in Bbl., . . . . .	38
Packing Weight, . . . . .	200 lbs.

White or Brown



## CABLE INSULATOR



Patented

**No. 47.**

MADE IN ONE PIECE

Diameter, . . . . .	3 <sup>3</sup> / <sub>8</sub> inches	Test Voltage, . . . . .	30,000
Height, . . . . .	4 <sup>1</sup> / <sub>4</sub> inches	Number in Bbl., . . . . .	100
Groove Top, . . . . .	1 <sup>3</sup> / <sub>8</sub> inches	Packing Weight, . . . . .	150 lbs.
Groove Side, . . . . .	1 inch	White or Brown	



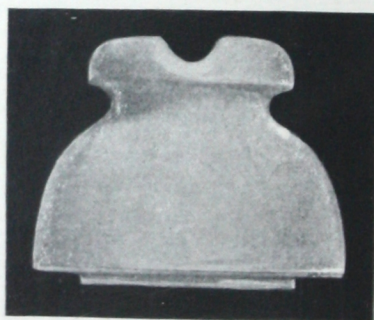


Patented

## No. 12

MADE IN ONE PIECE

Diameter, . . . . .	4 inches	Test Voltage, . . . . .	40,000
Height, . . . . .	3 <sup>1</sup> / <sub>4</sub> inches	Number in Bbl., . . . . .	200
Groove Top, . . . . .	<sup>5</sup> / <sub>8</sub> inches	Packing Weight, . . . . .	250 lbs.
Groove Side, . . . . .	<sup>5</sup> / <sub>8</sub> inches	White or Brown	



Patented

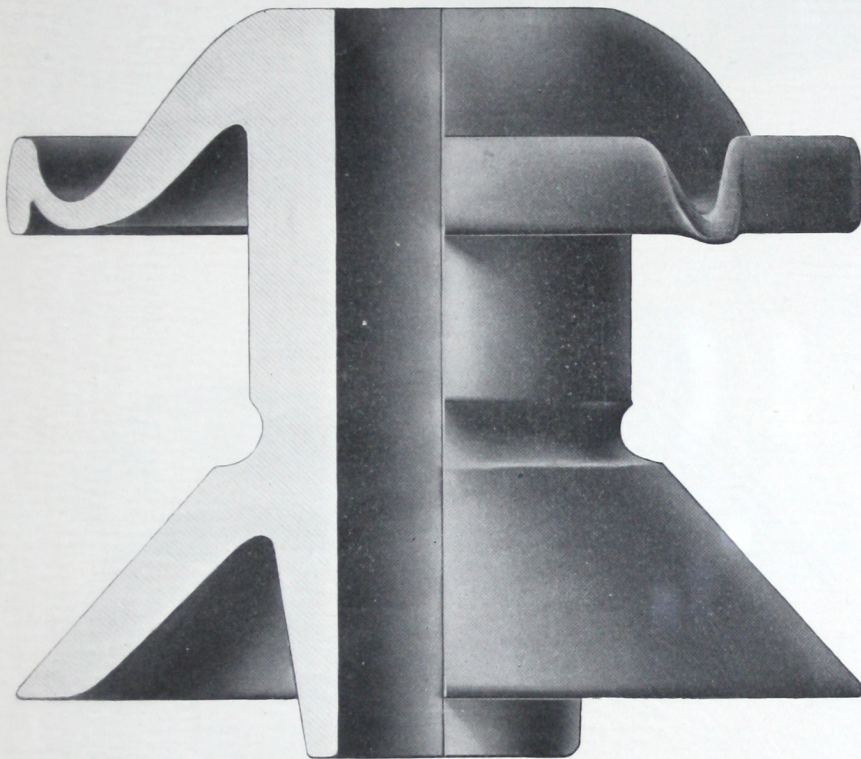
## No. 45

Diameter, . . . . .	3 <sup>3</sup> / <sub>8</sub> inches	Test Voltage, . . . . .	30,000
Height, . . . . .	3 inches	Number in Bbl., . . . . .	300
Groove Top, . . . . .	<sup>1</sup> / <sub>2</sub> inch	Packing Weight, . . . . .	310 lbs.
Groove Side, . . . . .	<sup>1</sup> / <sub>2</sub> inch	White or Brown	



# STRAIN INSULATOR

For Any Voltage up to 100,000 Volts



Patented.

For Corners Where Heavy Strains Exist





Patented.

## No. 4

Diameter, . . . . .	7½ inches
Height, . . . . .	4½ inches
Groove, . . . . .	1 inch
Number in Bbl., . . . . .	55
Packing weight, . . . . .	225 lbs.
Test voltage, . . . . .	70,000

White or Brown.

## No. 6, Pony

Diameter, . . . . .	2 inches
Height, . . . . .	2 ⅝ inches
Weight, . . . . .	6½ oz.
Number in Bbl., . . . . .	750
Packing weight, . . . . .	375 lbs.

White or Brown.

Porcelain or Glass.



Patented.

Full Size.



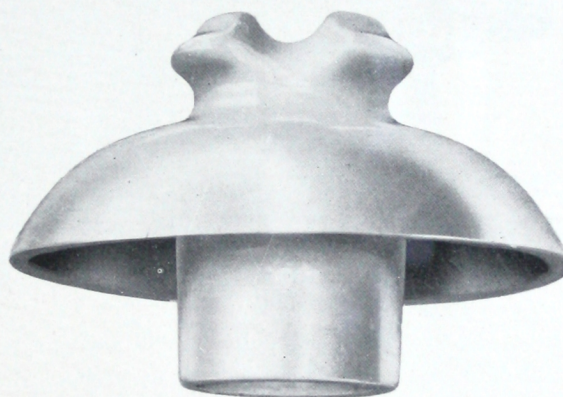
## THREE-PART PORCELAIN INSULATOR



No. 3

Diameter, . . . . .	5 inches
Height, . . . . .	3 $\frac{3}{4}$ inches
Groove, . . . . .	$\frac{3}{4}$ inch
Number in Bbl., . . . . .	90
Packing weight, . . . . .	280 lbs.
Test voltage, . . . . .	50,000

White or Brown.



No. 303

MADE IN ONE PIECE

Diameter, . . . . .	6 $\frac{1}{2}$ inches
Height, . . . . .	4 $\frac{1}{4}$ inches
Groove, . . . . .	$\frac{3}{4}$ inch
Number in bbl., . . . . .	75
Packing weight, . . . . .	220 lbs.
Test voltage, . . . . .	50,000

Full specifications on page 2.





Patented.

## SECTIONAL VIEW OF CHINA INSULATOR

### Illustrating a Typical Shell Construction

This construction makes possible the use of thin pieces of uniform thickness, which allow the most thorough vitrification. Thick and heavy pieces of china are liable to imperfections.

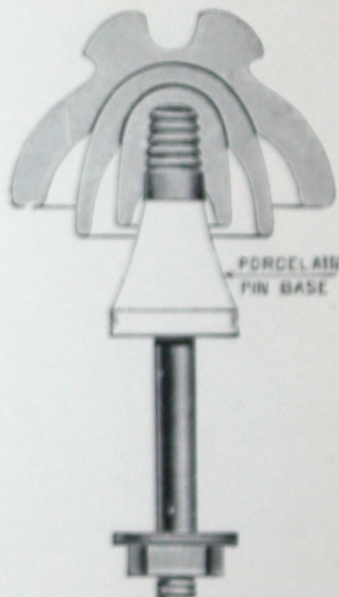
Every shell is a perfect insulator in itself, and one imperfect shell does not impair the insulation of the whole, since the insulators are built so that they will carry, with safety, the potential stated, with one injured shell.

Each shell is glazed separately, then fused together, making mechanically as well as electrically a strong insulator.

## No. 7 PORCELAIN

Diameter, . . . . .	3 <sup>3</sup> / <sub>4</sub> inches
Height, . . . . .	4 <sup>1</sup> / <sub>2</sub> inches
Number in Bbl., . . . . .	100
Packing weight, . . . . .	200 lbs.
Test voltage, . . . . .	30,000

White or Brown.



Patented.



## CABLE INSULATORS



Patented.

### No. 5.

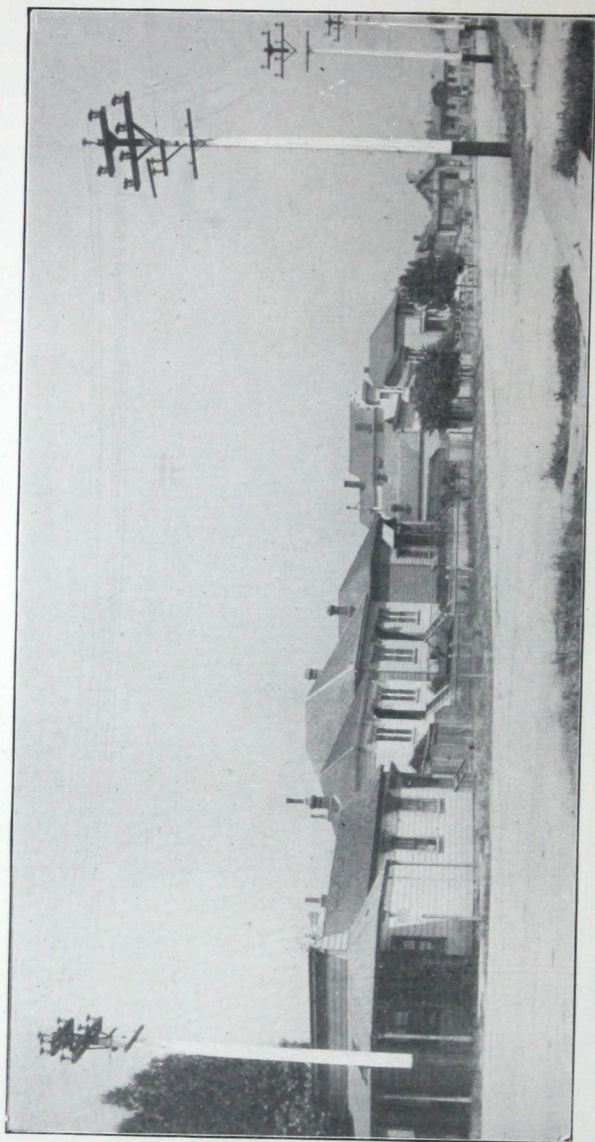
MADE IN ONE PIECE

Diameter, . . . . .	4 inches
Height, . . . . .	4½ inches
Groove top, . . . . .	1½ inches
Groove side, . . . . .	1½ inches
Test voltage, . . . . .	30,000
Number in Bbl., . . . . .	120
Packing weight, . . . . .	310 lbs.

In White or Brown,  
Porcelain or Glass



## THE "VICTOR" COMBINATION INSULATOR



A Double Corner at Twenty-Seventh and West Streets, Oakland, California.





### No. 296

Diameter, . . . . . 4½ inches  
 Height, . . . . . 4 inches  
 Groove top, . . . . . 1¼ inches  
 Groove side, . . . . . 1¼ inches  
 Test voltage, . . . . . 40,000  
 Number in Bbl., . . . . . 150  
 Packing weight, . . . . . 300 lbs.

In White or Brown.

Patented.

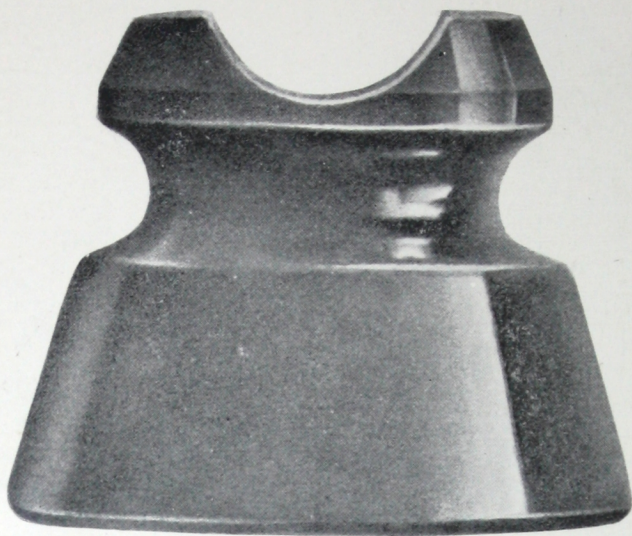


### No. 40

Diameter, . . . . . 3¼ inches  
 Height, . . . . . 2¾ inches  
 Groove, . . . . . ½ inch  
 Test Voltage, . . . . . 20,000  
 Number in Bbl., . . . . . 400  
 Packing Weight, . . . . . 350 lbs.

White or Brown



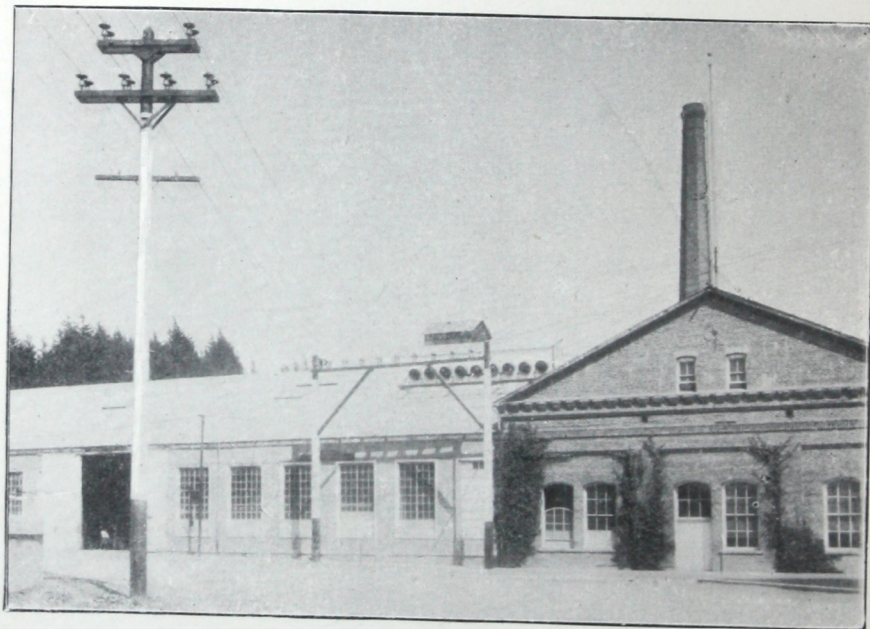


## No. 2

Diameter, . . .  $3\frac{3}{4}$  inches  
 Height, . . . 3 inches  
 Groove, . . .  $1\frac{1}{8}$  inches  
 Number in Bbl., . . . 200  
 Packing weight, . . . 250 lbs.  
 Test voltage, . . . 30,000  
 White or Brown

Patented.

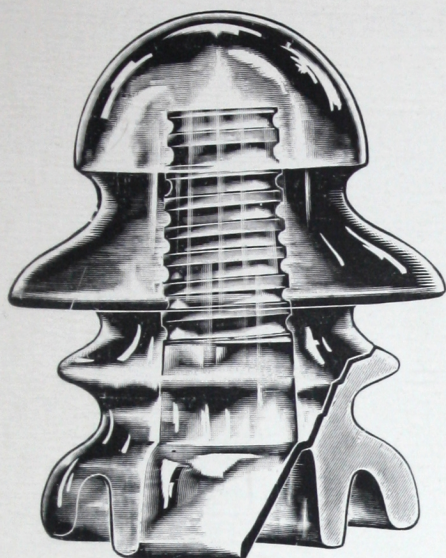
## LOCKE "VICTOR" INSULATORS



Piedmont Sub-Station, Oakland, Cal., Showing Method of Entering High-Tension Lines.



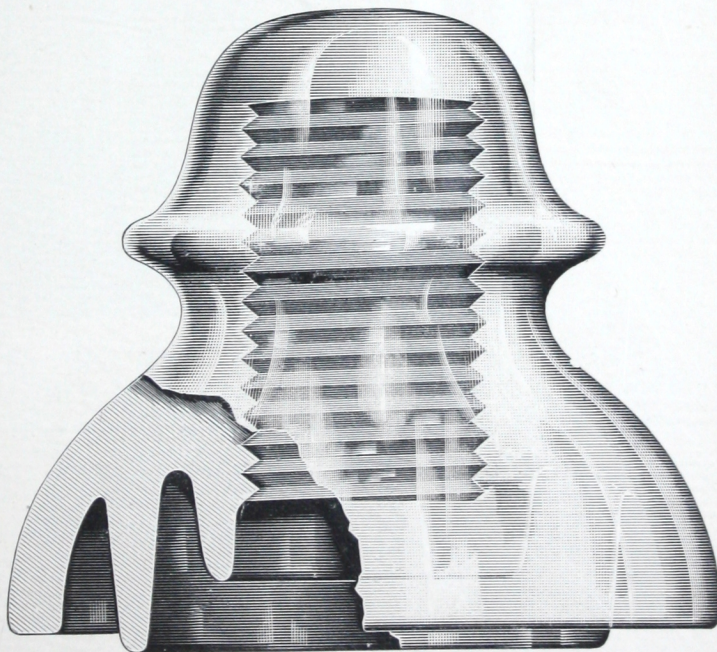
## FLINT GLASS INSULATORS



Patented.

No. 14  
Transposition

Diameter, . . . . .	3 $\frac{3}{4}$ inches
Height, . . . . .	4 $\frac{1}{2}$ inches
Groove, . . . . .	$\frac{1}{2}$ inch
Number in Bbl., . . . . .	100
Packing weight, . . . . .	225 lbs.
Guaranteed voltage, . . . . .	5,000



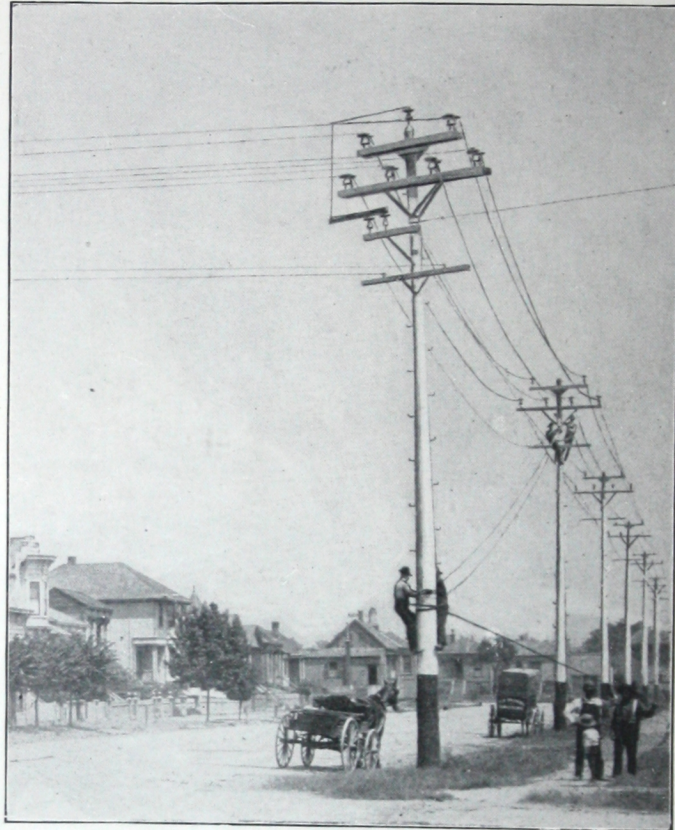
Patented.

No. 15

Diameter, . . . . .	4 $\frac{1}{2}$ inches
Height, . . . . .	3 $\frac{1}{2}$ inches
Number in Bbl., . . . . .	100
Packing weight, . . . . .	225 lbs.
Guaranteed voltage, . . . . .	10,000



## VICTOR PORCELAIN INSULATORS



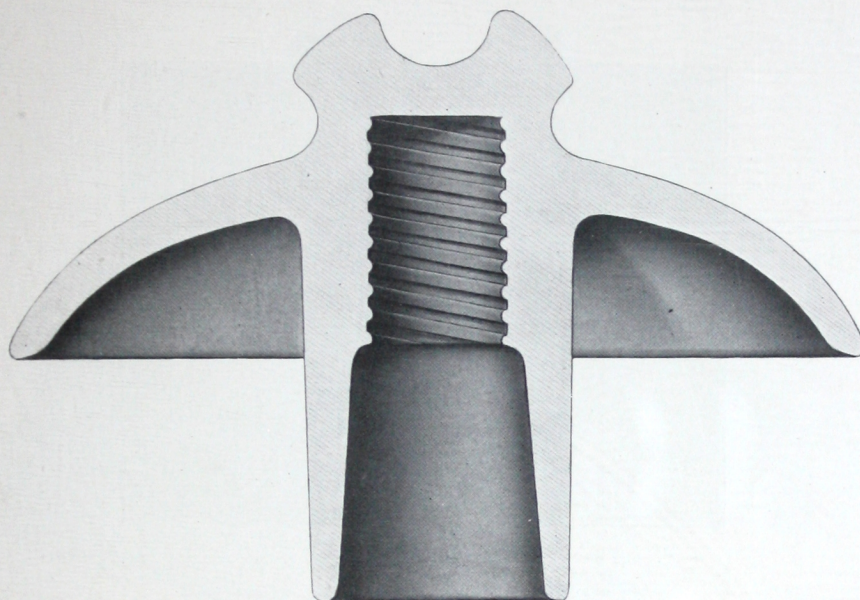
Head and Strain Guying a Live 40,000-Volt Line, California.

VICTOR TYPE INSULATORS IN FLINT GLASS,  
for any voltage up to 100,000 volts.

No. 18	Diameter	5½ inches.	No. 24	Diameter	10 inches.
No. 19	"	7½ "	No. 25	"	11 "
No. 22	"	8½ "	No. 26	"	12 "
No. 23	"	9 "	No. 29	"	15 "



# VICTOR TYPE FLINT GLASS INSULATORS



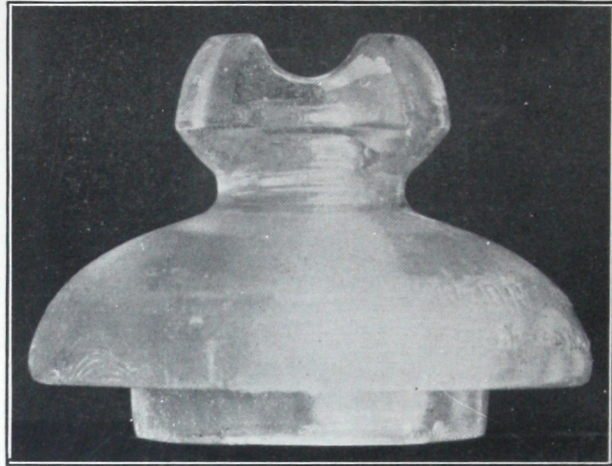
Patented.

## No. 23

Diameter, . . . . .	9 inches
Height, . . . . .	6 inches
Groove, . . . . .	1 $\frac{1}{8}$ inch
Weight, packed, . . . . .	6 lbs.
Number in Bbl., . . . . .	30
Guaranteed voltage, . . . . .	50,000



## FLINT GLASS INSULATORS



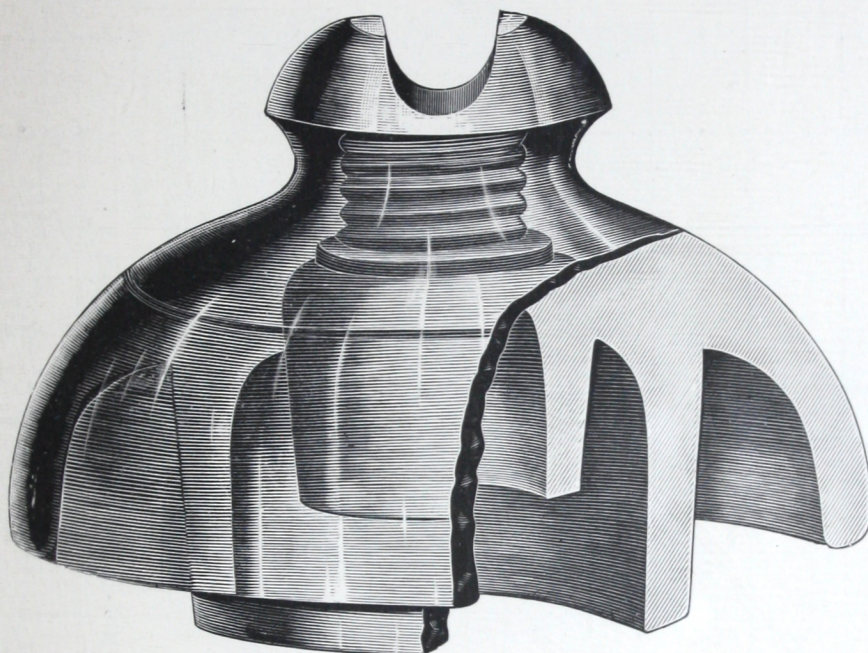
Patented.

### No. 16

Diameter,	.	.	.	6 inches
Height,	.	.	.	4½ inches
Groove, ..	.	.	.	1 inch
Weight, packed,	.	.	.	4 lbs.
Number in Bbl.,	.	.	.	50
Guaranteed voltage,	.	.	.	25,000



## FLINT GLASS INSULATORS

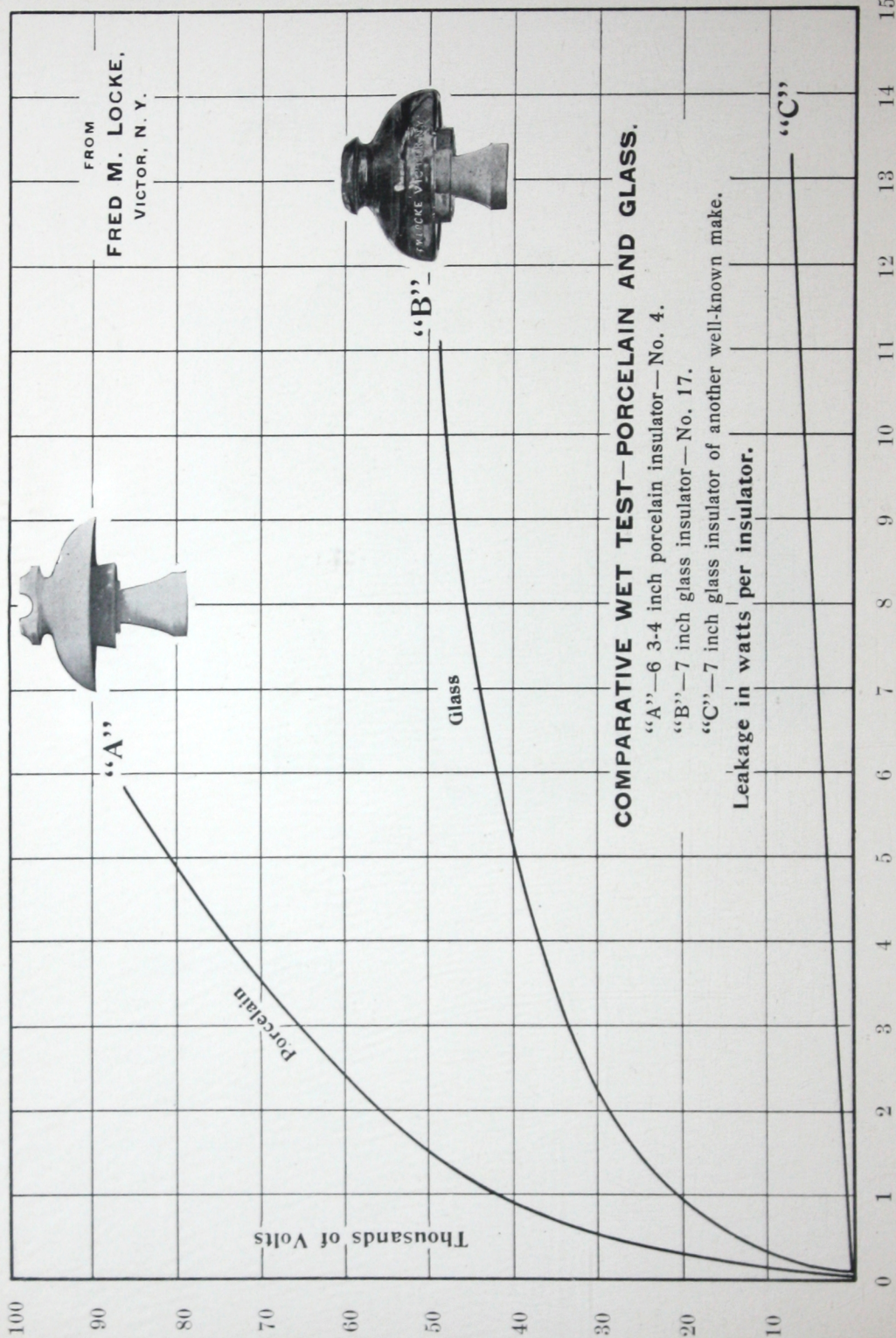


Patented.

### No. 17 Triple Petticoat

Diameter, . . .	7 inches
Height, . . .	4½ inches
Groove, . . .	1⅛ inches
Weight, packed, . .	6½ lbs.
Number in Bbl.,	35
Guaranteed voltage,	40,000







## FLINT GLASS INSULATORS



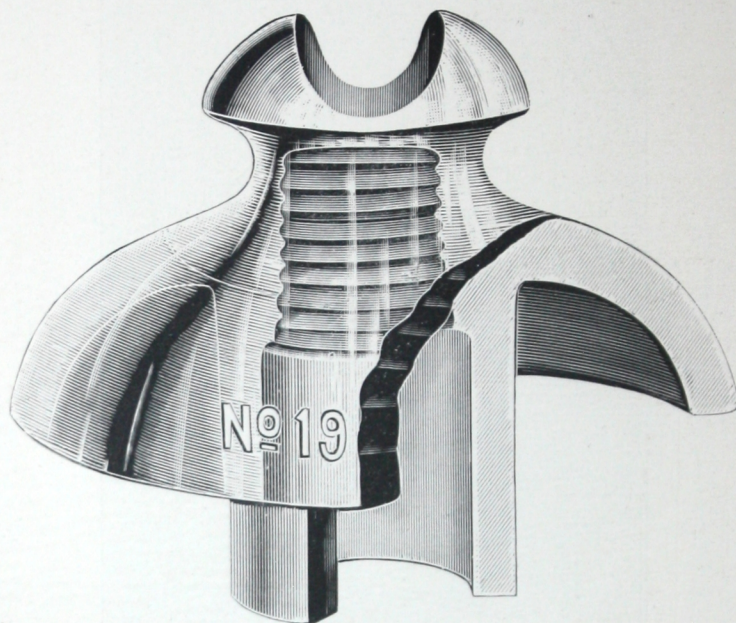
Patented.

### No. 18 Glass.

Diameter,	5 1/2 inches
Height,	5 1/2 inches
Groove,	5/8 inch
Guaranteed voltage,	22,000
Number in bbl.,	59
Packing weight,	150 lbs



## FLINT GLASS INSULATORS



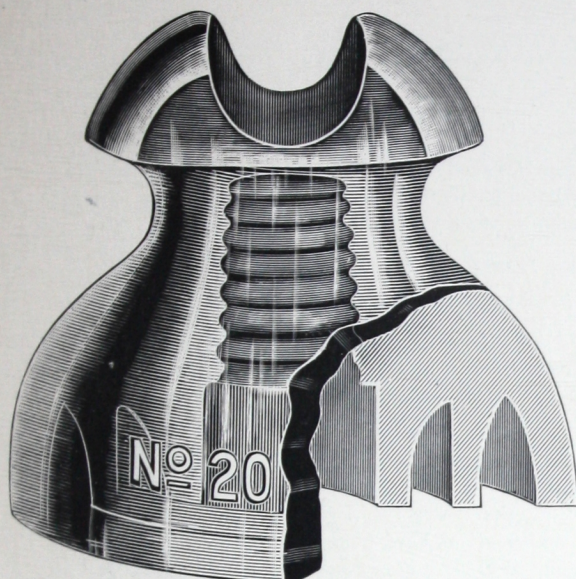
Patented.

### No. 19

Diameter, . . . . .	7 1/2 inches
Height, . . . . .	5 1/2 inches
Groove, . . . . .	1 1/8 inches
Weight, . . . . .	4 1/2 lbs.
Number in Bbl., . . . . .	25
Guaranteed voltage, . . . . .	45,000



# FLINT GLASS INSULATORS

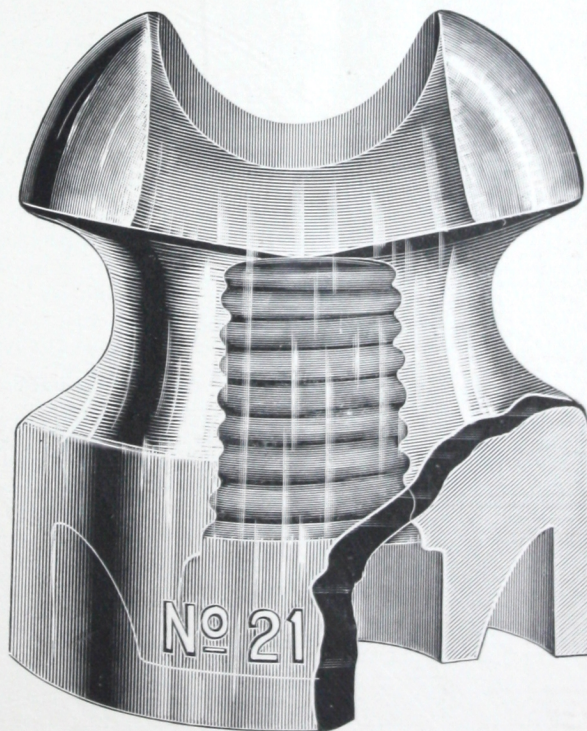


No. 20

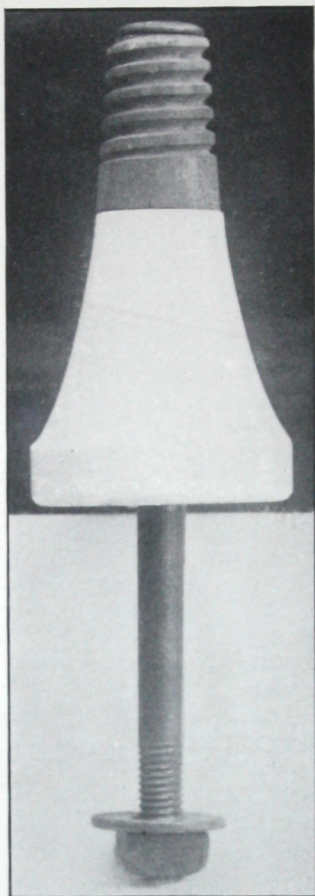
Diameter, . . . . .	4½ inches
Height, . . . . .	4 inches
Groove, . . . . .	1¼ inches
Number in Bbl., . . . . .	120
Packing weight, . . . . .	325 lbs.
Guaranteed voltage, . . . . .	12,000

No. 21

Diameter, . . . . .	4 inches
Height, . . . . .	4½ inches
Groove, . . . . .	1¾ inches
Number in Bbl., . . . . .	120
Packing weight, . . . . .	325 lbs.
Guaranteed voltage, . . . . .	10,000







## STEEL PIN, WITH PORCELAIN BASE

Designed for high voltage work. They include all the strong features of the all-wood top pin, in addition to the porcelain base.

### The Porcelain Base Increases the Arcing Distance 5,000 to 10,000 Volts

The inner petticoat of all Locke Insulators extends below the top of this base thus producing the most perfect possible combination for high voltage currents.

The base is a highly vitrified and homogenous body, whose life and wear are unlimited. It prevents the destructive arcing around the insulator, burning off of pins, cross-arms, and, in many cases, poles and other property.

The wood top is properly boiled in paraffine and is entirely contained within the insulator, protecting it from the weather, insects, etc.

**Important,** when ordering: The steel pins are used as follows: No. 1 pin with No. 15 glass; No. 2 with No. 3, 3½ and 4, porcelain; No. 3 with No. 16, 18, glass, and with any "Victor," with glass centers; No. 4 with No. 2, 6, 11 or 12, porcelain; No. 5 with No. 10, porcelain, or No. 17, glass; No. 6 and 7 with No. 17, glass, or No. 10, porcelain; No. 8, 10, 12 and 13 with any insulator except No. 17, glass and No. 10, porcelain. All pins, except No. 2, 4, 5, 6 and 7, can be used with standard glass insulators.

Patented.

Standard sizes below. Special sizes to order.

No.	Size Bolt	Dimensions of Wood	Porcelain Base	Weight
1	½ x 9½	2⅝ x 1¼	No. 1	18 oz.
2	½ x 9½	1¾ x 1¼	No. 2	1¼ lb.
3	½ x 10½	2⅝ x 1¼	No. 2	1¼ lb.
4	½ x 8½	1¾ x 1¼	No. 1	1 lb.
5	⅝ x 9	2¼ x 1½	No. 3	1½ lb.
16	½ x 11	2¼ x 1½	No. 4	—
17	⅝ x 11	2¼ x 1½	No. 4	—

No. 1 is 2¼ in. in diameter and 2¼ in. high; No. 2 is 2⅝ in. in diameter and 3 in. high; No. 3 is 2½ in. in diameter and 2¼ in. high.



## STEEL PIN, WITH ALL WOOD TOP



Patented.

These pins consist of a High Carbon steel bolt, a nut, washer, and paraffined wood top. They are strong, durable, and compact, and are amply fortified against lateral strains. Only selected, straight-grained, and good sound timber is used in their construction. They are especially adapted to low voltage work and made in the following sizes :

No.	Size of Bolt	Length of Wood	Diam. of Base of Wood	Weight
6	$\frac{5}{8}$ x 9"	4"	$2\frac{1}{4}$ "	20 oz.
* 7	$\frac{5}{8}$ x 11	$4\frac{1}{2}$	$2\frac{1}{4}$	21 oz.
8	$\frac{1}{2}$ x $9\frac{1}{2}$	$4\frac{1}{2}$	$1\frac{7}{8}$	12 oz.
10	$\frac{7}{16}$ x $9\frac{1}{2}$	$4\frac{1}{2}$	$1\frac{7}{8}$	12 oz.
12	$\frac{1}{2}$ x $8\frac{1}{2}$	$3\frac{1}{2}$	$1\frac{7}{8}$	10 oz.
13	$\frac{1}{2}$ x 10	$5\frac{1}{4}$	$2\frac{1}{4}$	14 oz.

All of these pins have standard size screw, except No. 6 and 7, which are for  $1\frac{1}{2}$  inch pin-hole.

\* For cross-arm 6 inches deep.

Please Order by Number.



## No. 14, STEEL PIN, WITH GALVANIZED BASE

For Iron Arms and Fittings.

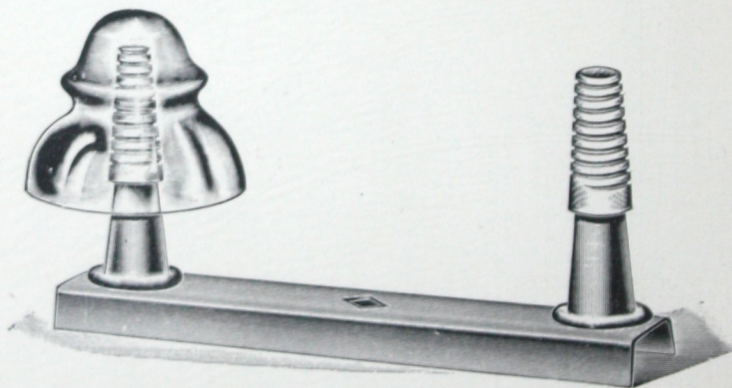


Patented.

The base is well galvanized and strongly made. As a result of the perfect satisfaction it has always given, it has come to be a standard among the articles of first-class line construction, and can be used where no other pin is practical. It is not expensive, and, when in place, is neither cumbersome nor inconvenient, as is the case when ordinary blacksmith's fixtures are used. This pin is desirable for all kinds of low voltage line work.

Weight,  $\frac{1}{2}$  pound; length of wood is  $2\frac{3}{8}$  inches; galvanized base,  $2\frac{1}{8}$  inches; and the bolt of the regular size pin is  $\frac{7}{16}$  x  $5\frac{1}{2}$  inches.

## No. 20, TWO-PIN BREAK-ARM



Patented.



## HIGH CARBON STEEL PIN

With Wood Top



Locke's Patent.

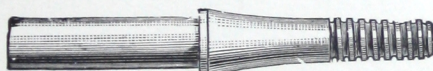
This pin has a threaded and paraffined hard wood thimble on the top to fit the standard sizes of glass and porcelain insulators and is provided with a shoulder at the top, and a nut and washer at the bottom, of the shank to attach it rigidly to wooden cross arms of the regular thickness.

## CROSS-ARMS

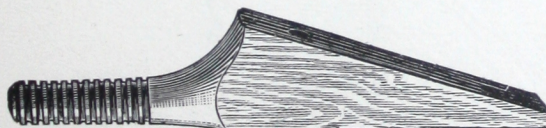


Made of the best grade of pine, free from knots and other defects. Painted or unpainted and bored for any size pin. Unless otherwise specified, all cross-arms are bored for two lag-screws for fastening to pole.

## OAK AND LOCUST PINS

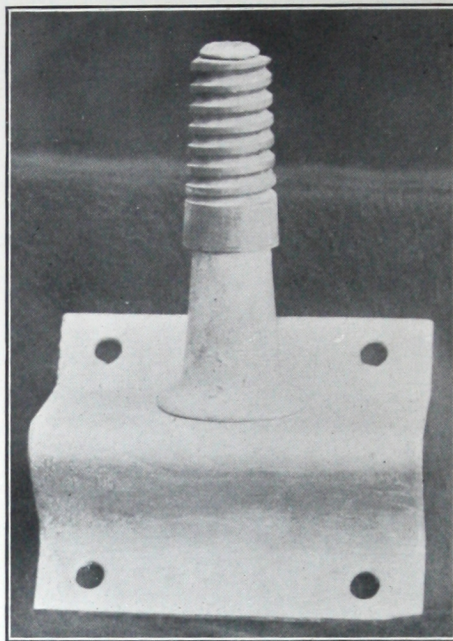


## OAK BRACKETS





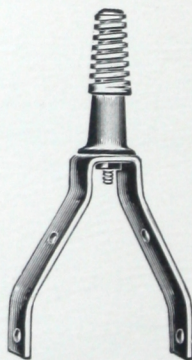
## GALVANIZED SIDE BRACKETS



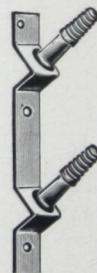
For 1, 2 and 3 Pins.



No. 26



GALVANIZED RIDGE IRON  
FOR POLE TOPS



No. 25

A full line of the above.

Prices on application.



# PLANTS USING LOCKE INSULATORS AND PINS

Plant	Style Insulator	Pin	Line Voltage	Length Line in Miles
ASHLAND ELEC. LT. & POWER CO., Ashland, Ky.	No. 3 porc.	porcelain base	10,000	26
BANKOK ELECTRIC LIGHT CO., Bankok, Siam	No. 12 porc.	porc. base	5,000	40
BAY COUNTIES POWER CO., Colgate to Oakland	No. 316 "Victor"	Eucalyptus wood	60,000	234
BEARDSLEE, G. R., East Creek, N. Y.	No. 16 glass	porc. base	15,000	10
BIG CREEK POWER CO., Santa Cruz, Cal.	No. 16 glass No. 3 porc.		10,000	12
BLUE LAKES WATER CO., Blue Lakes City, Cal.	No. 16 glass No. 3 porc.	Locust	11,000	24
BRITISH COLUMBIA ELECTRIC R'y CO., Victoria, B. C.	No. 16 glass	Oak	11,000	16
CATARACT CONSTRUCTION CO., Niagara Falls, N. Y.	No. 4 porc. No. 5 porc. No. 15 glass	Locust	22,000	26
CENTRAL CALIFORNIA POWER CO., Sacramento, Cal.	No. 16 glass No. 3 porc.	Locust	15,000	29
CONSOLIDATED LIGHTING CO., Montpelier, Vt.	No. 16 glass			
CUMBERLAND ILLUMINATING CO., Portland, Me.	No. 16 glass	Cypress	10,000	10
DOLGEVILLE ELEC. L'G'T & POWER CO., Dolgeville, N. Y.	No. 3 porc.	porc. base	10,000	10
DYEA-KLONDYKE TRANSPORTATION CO., Chilcoot, Alaska	No. 15 glass	porc. base	5,000	8
GENERAL ELECTRIC CO., New Orleans, La.	No. 15 glass No. 16 glass			
HAMILTON ELEC. LIGHT AND CATARACT POWER CO., Hamilton, Canada	No. 16 glass	Locust	22,000	35
HEALDSBURG, CITY OF, Healdsburg, Cal.	No. 15 glass	porc. base	5,500	8½
JAPAN, 5 Lines,	No. 1 porc. No. 2 porc. No. 3 porc.	porc. base	5,000 to 15,000	
MERCED FALLS GAS AND ELECT. CO., Merced, Cal.	No. 15 glass	Locust	10,000	6
MEXICO, 7 Lines,	No. 2 porc. No. 3 porc. No. 12 porc. No. 16 glass No. 18 glass	porc. base	10,000 to 22,000	
MT. SHASTA MILLING CO., Montague, Cal.	No. 15 glass	wood	6,000	8⅓
METROPOLITAN STREET RY. CO., Kansas City, Mo.	No. 2 porc.			
MT. WHITNEY POWER CO., Visalia, Gal.	No. 17 glass	Eucalyptus	33,000	62



# PLANTS USING LOCKE INSULATORS AND PINS

Plant	Style Insulator	Pin	Line Voltage	Length Line in Miles
NEVADA CO. ELECTRIC POWER CO., Colgate to Grass Valley	No. 17 glass	Eucalyptus	24,000	7 1/2
NEVADA CO. ELECTRIC POWER CO., Nevada City and Grass Valley	No. 16 glass	porc. base	5,500	30
PENINSULA ELECT. LT. AND POWER CO., Houghton, Mich.	No. 16 glass	Locust	12,000	12
PORT HURON, ST. CLAIR & MARINE CITY RY. CO., Port Huron, Mich.	No. 3 porc.	porc. base	15,000	50
POWER DEVELOPMENT CO., Bakersfield, Cal.	No. 16 glass	Locust	11,000	14
RAPID RY. SYSTEM, New Baltimore, Mich.	No. 3 porc.	porc. base	16,000	50
ROCHESTER & SODUS BAY RY. CO., Rochester, N. Y.	No. 3 porc.	porc. base	10,000	40
SACRAMENTO GAS & ELECT. RY., Sacramento, Cal.	No. 16 glass No. 3 porc.	Locust	11,000	20
SAN JOAQUIN ELECTRICAL CO., Fresno, Cal.	No. 16 glass	porc. base	20,000	68
SANTA MONICA ELECT. & POWER CO., Santa Monica, Cal.	No. 17 glass	Eucalyptus	20,000	40
SOUTH AMERICA, 6 Lines,	No. 1 porc. No. 3 porc.		10,000	
SOUTHERN CALIFORNIA POWER CO., Los Angeles, Cal.	No. 3 porc.	porc. base	33,000	83
SOUTHWEST MO. EL. RY. CO., Webb City, Mo.	No. 16 glass		11,000	31
STANDARD CON. MINING CO., Bodie, Cal.	No. 15 glass		6,600	8
STANDARD ELECT. CO. OF CALIFORNIA, Stockton, Cal.	No. 17 glass	Eucalyptus	25,000	46
STANDARD ELECT. CO. OF CALIFORNIA,	No. 316 "Victor"	Eucalyptus wood	60,000	153
TUOLUMNE CO. WATER CO., Columbia, Cal.	No. 16 glass No. 3 porc.	Locust	16,500	14
TRENTON ELECT. AND WATER CO., Trenton, Can.	No. 3 porc.	porc. base	11,500	13
TRUCKEE RIVER G. E. CO., Floriston, Cal.	No. 17 glass		22,000	35
TWIN CITY RAPID TRANSIT CO., Minneapolis, Minn.	No. 2 porc.			
WEST KOOTENAY PR. AND LT. CO., Rossland, B. C.	No. 2 porc.	porc. base		
WETMORE ELECT. CO., Lowville, N. Y.	No. 16 glass	porc. base	11,000	12
YUBA ELECTRIC POWER CO., Marysville, Cal.	No. 16 glass	porc. base	16,500	19 8
YUBA ELECTRIC POWER CO., Colgate to Sacramento and Oroville	No. 17 glass	Eucalyptus	23,000	62 28



## PLANTS USING LOCKE INSULATORS AND PINS

AMSTERDAM STREET RAILWAY CO., Amsterdam, N. Y.	Porc. Base Steel Pins
ARCHBOLD-BRADY CO., Syracuse, N. Y.	No. 100 Insulators
THE B-R ELECTRIC CO., Kansas City, Mo.	No. 2 Brown Porcelain
BUFFALO AND NIAGARA FALLS ELEC. LT. & POWER CO., Niagara Falls, N. Y.	D. G. D. P. and 16 Flint Glass Insulators
BUFFALO RAILWAY CO., Buffalo, N. Y.	
CASCADE ELECTRIC CO., Idaho Springs, Colo.	No. 3 brown Porcelain
CANADIAN GENERAL ELECTRIC CO., Toronto, Can.	No. 298 brown Porcelain
CAROLINA LIGHT AND POWER CO., Aiken, S. C.	No. 15 Flint Glass
FITCHBURG GAS & ELECTRIC CO., Fitchburg, Mass.	No. 40 Insulator Porcelain base Pin
MALLISON POWER CO., Westbrook, Me.	No. 15 Flint Glass
NIAGARA FALLS POWER CO., Niagara Falls, N. Y.	No. 316—60,000 volt Porcelain
PHENIX LIGHT & FUEL CO., Phoenix, Ariz.	No. 307 and Porcelain base st. P.
PENINSULA ELECT. LIGHT & POWER CO., Houghton, Mich.	No. 296 Insulator
ROSLYN LIGHT & POWER CO., Roslyn, N. Y.	Nos. 40 and 45 Porcelain
ROCHESTER GAS & ELEC. CO., Rochester, N. Y.	Victor Split Porcelain Insulator No. 2 and No. 5 Insulator
SAINT JOHN'S STREET RAILWAY CO., St. John's, N. F.	
STONE & WEBSTER, Seattle, Wash.	No. 318—60,000 volt
SCHENECTADY RAILWAY CO., Schenectady, N. Y.	Porcelain base Pins Side Brackets
STANLEY ELEC. MFG. CO., Pittsfield, Mass.	No. 315 Porcelain
United Gas Improvement Co., Philadelphia, Pa.	No. 18 Flint Glass No. 3 Porcelain



## LOCKE INSULATORS



Two Corners, with 60-foot Square Poles, on the Standard Tie Line, California.



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CCA



